RELi3ON™

REV-L16-400 AGM BATTERY

FEATURES

- High density lead paste and specialized paste formula for deep cycle application.
- High strength ABS or PP case & cover and valve-regulated construction. Maintenance-free.
- High capacities.
- Environmentally friendly, Classified as "Non-Spillable Battery" for transportation.
- High tin alloy grids offer: Less gassing, high corrosion-resistance, low self discharge and alloy sheeting material for deep cycle applications.
- Exceptional adaptability to operate in high and low temperature environments.
- Durable copper and stainless steel terminals for high electrical conductivity.
- Excellent cycle life: 800 cycles @ 80% DOD.
- Exclusive electrolyte formula and separator to protect the electrolyte density from stratification.
- Superior design allows for fast charge acceptance and resistance to over-discharge.

Electrical Characteristics

Final voltage 1.75V/Cell	Amp Hours(AH)@77°F(25°C)						Minutes of Discharge@80°F(27°C)	
	20HR	10HR	5HR	3HR	2HR	1HR	@25A	@75A
	400	380	320	315	280	230	920	270

Electrical Characteristics

Nominal Capacity		400Ah@20 hour rate F.V. (1.75V/Cell)	
Internal Resistance (Approx.)		≤Fully Charged battery(25℃): 2.2 mOhms	
Self Discharge		3% of capacity per month@68°F/20℃	
Cranking Amps		2580A@32°F/0℃	2010A@0°F/-18℃
Max. Discharge		3000A(5s)	
Reserve Capacity (80°F/27℃)		@25A F.V.(1.75V/Cell)	920Min
		@75A F.V.(1.75V/Cell)	270Min
Charging(25℃) (Constant Voltage)	Cycle use	Initial Charging Current: 120A,2.40-2.45VPC	
	Float use	2.20-2.30VPC	

Mechanical Characteristics

Industry Type No.	L16
Length(mm/inch)	295/11.6
Width (mm/inch)	180/7.1
Height(mm/inch)	405/15.9
Total Height(mm/inch)	426/16.8
Approx. Weight (kg/lbs)	55.5/122.4
Terminal	AM
Container material	PP
Cells	3 cell
Nominal Voltage	6 V

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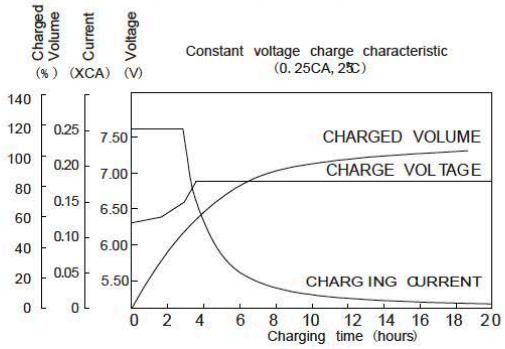
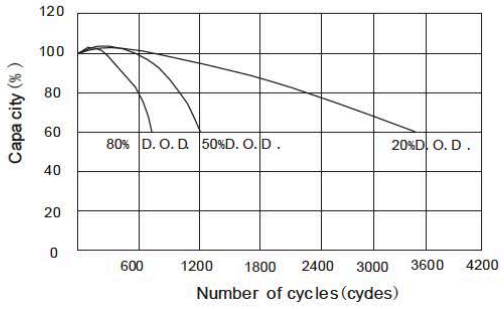
Charge / Discharge Tables & Graphs

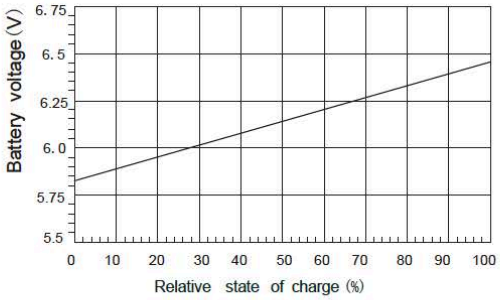
CHARGE CHARACTERISTIC CURVE



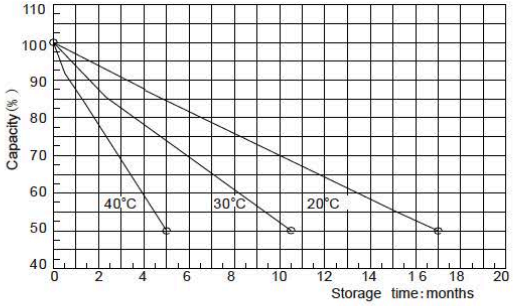
CYCLE SERVICE LIFE IN RELATION TO DEPTH OF DISCHARGE



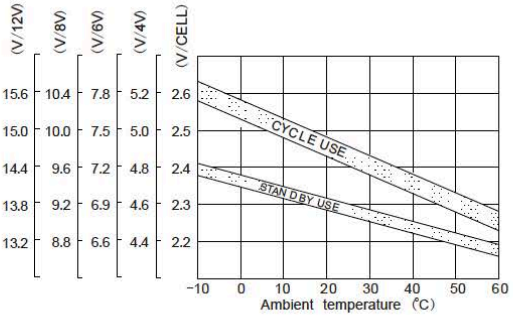
RELATIONSHIP OF OCV AND STATE OF CHARGE (25℃)



SELF-DISCHARGE CHARACTERISTIC



RELATIONSHIP BETWEEN CHARGING VOLTAGE AND TEMPERATURE



TEMPERATURE EFFECTS ON CAPACITY